

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An electronic product comprising a body provided with a three-dimensional shape that is derived from the product and incorporates structurally at least part of the product shape, ~~which~~ wherein the body comprises an electrically insulating material and ~~comprises a~~ pattern of electrical conductors, ~~which~~ wherein the pattern includes contact pads for external contacting ~~which and the~~ conductors are mechanically anchored in the body, a plurality of electric elements being encapsulated in the body and being electrically connected to the pattern of electrical conductors.

2. (Currently Amended) ~~An~~ The electronic product as claimed in claim 1, ~~characterized in that~~ further comprising means ~~are present~~

for mechanical attachment of a component or carrier to the body.

3. (Currently Amended) ~~A body~~ The electronic product as claimed in ~~claim 2~~ claim 1, wherein the pattern of conductors includes contact pads for contacting a component that can be assembled to ~~the a~~ a surface of the body, and wherein the three-dimensional shape of the body is fitted for assembly of the component.

4. (Currently Amended) ~~An~~ The electronic product as claimed in claim 1, ~~characterized in that further comprising a sensing or transmitting first element is provided at the at a~~ a surface of the body for radiation of a first kind and an auxiliary second element for processing or providing of the radiation, the first element and the second element having a predetermined spatial interrelationship to each other to allow their functioning, which is defined in the body, the first element being electrically connected to the pattern of electrical conductors in the body.

5. (Currently Amended) ~~An~~ The electronic product as claimed in

claim 1, ~~wherein further~~ comprising a separate signal processing unit ~~is provided in or at the~~ a surface of the body.

6. (Currently Amended) A body suitable for use as a product part in a desired product and provided with a three-dimensional shape that is derived from the desired product and incorporates structurally at least part of the product shape, ~~which the~~ body ~~comprises comprising~~ an electrically insulating material and ~~comprises a~~ pattern of electrical conductors, ~~which wherein the~~ pattern includes contact pads for external contacting which ~~and~~ wherein the conductors are mechanically anchored in the body, a plurality of electric elements being encapsulated in the body and being electrically connected to the pattern of electrical conductors, wherein the conductors are present at a surface only partially.

7. (Currently Amended) A ~~The~~ body as claimed in claim 6, wherein the contact pads for external contacting are exposed at a the surface of the body.

8. (Currently Amended) A The body as claimed in claim 6,  
~~wherein further comprising means are present~~ for mechanical  
attachment of a device, component or carrier to the body.

9. (Withdrawn) A method of manufacturing a body suitable for  
use as a product part in a desired product and provided with a  
three-dimensional shape that is derived from the product and  
incorporates structurally at least part of the product shape,  
comprising the steps of:

providing a foil having a releasable layer and a pattern of  
conductor tracks, the pattern comprising an first area that is to  
be hidden in the body;

removing the releasable layer from the first area to the  
extent that any conductor tracks;

attaching electrical elements to the conductor tracks;

providing the body of electrically insulating material by a  
molding technique, therewith encapsulating the electrical elements  
and mechanically anchoring the conductor tracks in the body; and

removing the releasable layer to the extent that it is present  
at a surface of the body.

10. (Withdrawn) A method as claimed in claim 9, wherein the releasable layer is removed from the first area by cutting the releasable layer in a pattern which is substantially corresponding to the pattern of the conductor tracks in the first area.

11. (Withdrawn) An electrically insulating body provided with a conductor pattern, which body acts as a carrier of the conductor pattern and as a carrier of elements embedded in the body and/or components assembled to the body, which body includes a rigid portion and a flexible portion, in which rigid portion the body comprises a non-elastic electrically insulating material and in which flexible portion the body comprises an elastic, electrically insulating material.

12. (Withdrawn) An electrically insulating body as claimed in claim 11, wherein the flexible portion comprises conductors according to a desired pattern.

13. (Withdrawn) An electrically insulating body as claimed in

claim 11, wherein the flexible portion is provided between a first and a second rigid portion.

14. (Withdrawn) An electrically insulating body as claimed in claim 11, wherein the pattern of conductors is at least partially present at a surface of the body.

15. (Withdrawn) An electronic device comprising the electrically insulating body as claimed in claim 11, and an electric element that is assembled to the body or embedded in the body.

16. (Withdrawn) A method of manufacturing an electrically insulating body provided with a pattern of conductors, the body having a flexible portion and a rigid portion, comprising the steps of:

providing a foil having a releasable layer and a pattern of conductor tracks;

placing the foil in a first mould such that the pattern of conductors faces away from a surface of the mould, and providing a

first electrically insulating material in the mould, the first material becoming rigid after finalization of the molding operation, therewith generating the rigid portion of the body

placing the thus partially molded foil in a second mould and providing a second electrically insulating material in the mould, the second material being elastic after finalization of the molding operation, therewith generating the flexible portion of the body, and

removing the releasable layer to the extent that it is present at a surface of the body.